

### UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.usplo.gov

# NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

09/26/2003

Deltagen, Inc. 740 Bay Road Redwood City, CA 94063 EXAMINER

QIAN, CELINE X

ART UNIT

CLASS-SUBCLASS

1636

800-018000

DATE MAILED: 09/26/2003

· mm vo venovi vio				
APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/900,699	07/06/2001	Thomas J. Brennan	R-173	3947

TITLE OF INVENTION: TRANSGENIC MICE CONTAINING DEZ ORPHAN RECEPTOR GENE DISRUPTIONS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$650	\$300	\$950	12/26/2003

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above

B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.
- ☐ Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

#### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Stop ISSUE FEE
Commissioner for Patents
Alexandria, Virginia 22313-1450

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

maintenance fee notification						
	E ADDRESS (Note: Legibly mark-up 590 09/26/2003	with any corrections or	use Block 1)	Note: A certificate Fee(s) Transmittal. papers. Each addition have its own certific	of mailing can only be used in This certificate cannot be used onal paper, such as an assignmate of mailing or transmission.	for domestic mailings of the for any other accompanying ent or formal drawing, must
740 Bay Road						
Redwood City, CA	94063			I hereby certify that	Certificate of Mailing or Tran	<b>smission</b> or denosited with the United
Redwood City, Cri	. 74003			States Postal Service addressed to the M transmitted to the US	this Fee(s) Transmittal is being the with sufficient postage for final stop ISSUE FEE address SPTO, on the date indicated be	rst class mail in an envelope s above, or being facsimile low.
•						(Depositor's name)
						(Signature)
						(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED IN	NVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/900,699	07/06/2001		Thomas J. B	rennan	R-173	3947
TITLE OF INVENTION: T	RANSGENIC MICE CONT	AINING DEZ OR	PHAN RECEPT	OR GENE DISRUPTION	S	
APPLN, TYPE	SMALL ENTITY	ISSUE F	EE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$650		\$300	\$950	12/26/2003
EXAM	INFR	ART UN	iit I	CLASS-SUBCLASS	<del></del>	
	ELINE X	1636		800-018000		
			<del></del>			
<ol> <li>Change of correspondence CFR 1.363).</li> </ol>	e address or indication of "Fe	ee Address" (37		ng on the patent front page to 3 registered patent		
☐ Change of corresponde	ence address (or Change of C	Correspondence	agents OR, a	alternatively, (2) the nam	e of a single	
Address form PTO/SB/1:	22) attached.	_		as a member a registere ne names of up to 2 regi		
☐ "Fee Address" indicati PTO/SB/47; Rev 03-02 ( Number is required.	on (or "Fee Address" Indicat or more recent) attached. Use	ion form e of a Customer		agents. If no name is lis		,
3. ASSIGNEE NAME AND	RESIDENCE DATA TO B	E PRINTED ON T	THE PATENT (F	orint or type)		p.
PLEASE NOTE: Unless been previously submitte (A) NAME OF ASSIGN		ow, no assignee d submitted under se (B	ata will appear oparate cover. Con RESIDENCE:	on the patent. Inclusion of impletion of this form is No (CITY and STATE OR C	assignee data is only appropri OT a substitute for filing an ass OUNTRY)	iate when an assignment has signment.
Please check the appropriate	e assignee category or catego	ries (will not be no	inted on the nate	nt): 🚨 individual 🖯	I corporation or other private g	roup entity
4a. The following fee(s) are			. Payment of Fe		2 corporation of other private g	
☐ Issue Fee			•	e amount of the fee(s) is e	enclosed.	
☐ Publication Fee			☐ Payment by o	credit card. Form PTO-203	38 is attached.	
☐ Advance Order - # of	Copies		The Director	r is hereby authorized by	charge the required fee(s), or (enclose an extra	credit any overpayment, to
Director for Patents is reque	sted to apply the Issue Fee a	nd Publication Fee			l issue fee to the application ide	
(Authorized Signature)		(Date)				
other than the applicant; interest as shown by the re	d Publication Fee (if require a registered attorney or ago cords of the United States Pa	ent; or the assigne stent and Trademar	ee or other part	y in		
This collection of informa obtain or retain a benefit application. Confidentiality estimated to take 12 minu completed application for case. Any comments on suggestions for reducing the Patent and Trademark (22313-1450. DO NOT SEND TO: Commissioner	ation is required by 37 CFR by the public which is to fig is governed by 35 U.S.C. I test to complete, including gm to the USPTO. Time will the amount of time you this burden, should be sent Office, U.S. Department SEND FEES OR COMPLE for Patents, Alexandria, Virginal of the public will be sent to the complete of the public of the complete for Patents, Alexandria, Virginal by the public which is the complete for Patents, Alexandria, Virginal public will be sent to the complete for Patents, Alexandria, Virginal public will be sent to the complete for Patents, Alexandria, Virginal public will be sent to the complete for Patents, Alexandria, Virginal public which is to find the complete for Patents, Alexandria, Virginal public which is to find the public which is to find the complete for Patents and the complete for Patents, Alexandria, Virginal public which is to find the complete for Patents and the com	1.311. The informale (and by the US 22 and 37 CFR 1.) Athering, preparing II vary depending equire to completo the Chief Informatics. A TED FORMS TO ginia 22313-1450.	nation is require PTO to process 14. This collectic, and submitting upon the indivi- te this form an mation Officer, llexandria, Virg THIS ADDRI	d to ) an on is the dual d/or U.S. jinia SSS.		
Under the Paperwork Recollection of information u	duction Act of 1995, no punless it displays a valid OM	persons are require B control number.	red to respond	to a	:	•.



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	F	ILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/900,699		07/06/2001	Thomas J. Brennan	R-173	3947
7:	590	09/26/2003		EXAM	INER
Deltagen, Inc.				QIAN, CI	ELINE X
740 Bay Road Redwood City, CA 94063				ADTIBUTE	DADED MINORED
				ART UNIT	PAPER NUMBER
				1636	
				DATE MAILED: 09/26/2003	3

### Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
09/900,699 07/06/2001		Thomas J. Brennan	R-173	3947		
. 75	90 09/26/2003		EXAMI	NER		
Deltagen, Inc.			QIAN, CE	QIAN, CELINE X		
740 Bay Road Redwood City, CA 94063		ART UNIT	PAPER NUMBER			
			1636			
			DATE MAILED: 09/26/2003			

#### Notice of Fee Increase on October 1, 2003

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after October 1, 2003, then the amount due will be higher than that set forth in the "Notice of Allowance and Fee(s) Due" since there will be an increase in fees effective on October 1, 2003. See Revision of Patent Fees for Fiscal Year 2004; Final Rule, 68 Fed. Reg. 41532, 41533, 41534 (July 14, 2003).

The current fee schedule is accessible from (http://www.uspto.gov/main/howtofees.htm).

If the fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due" but not the correct amount in view of the fee increase, a "Notice of Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice of Pay Balance of Issue Fee," if the response to the Notice of Allowance is to be filed on or after October 1, 2003 (or mailed with a certificate of mailing on or after October 1, 2003), the issue fee paid should be the fee that is required at the time the fee is paid. If the issue fee was previously paid, and the response to the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously-paid issue fee should be paid. See Manual of Patent Examining Procedure, Section 1308.01 (Eighth Edition, August 2001).

Effective October 1, 2003, 37 CFR 1.18 is amended by revising paragraphs (a) through (c) to read as set forth below.

Section 1.18 Patent post allowance (including issue) fees.

(a) Issue fee for issuing each original or reissue patent, except a design or plant patent:

(b) Issue fee for issuing a design patent:

(c) Issue fee for issuing a plant patent:

By other than a small entity......\$640.00

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.